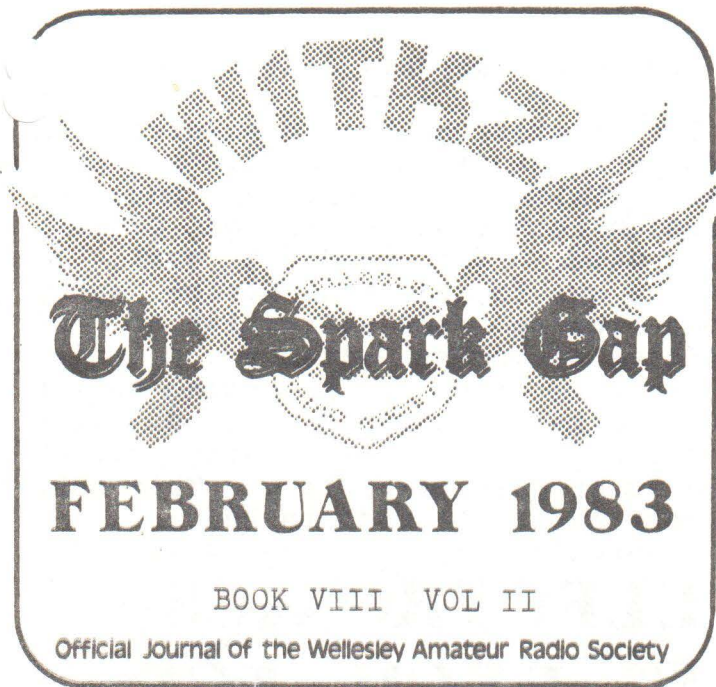




MESSAGE FAIR

by Nels Anderson, K1UR

We presented the results of the 1982 Natick Mall Message Fair last month, but did not have the list of participants. According to Erik Thoresen, K1OGF who was this year's organizer, the following people were participants in the 1982 message fair: C.J. McDonald, W1BUM; Bill Hanlon, N1ADY; Mort Cohan, K1IU; Nels Anderson, K1UR; Dick Paret, W1ZLQ; David Curry, K1TK; Mike Weissel, K1IKW; Fred, W1CMQ; Jim Hatherley, W1TBY; Kevin Kelly, W1YHV; Dave Kent, N2AWG; Scott Nacey, W1YOJ; Erik Thoresen, K1OGF; John Turrell, W1ZLO; Chad Johnson, N1ABZ; Bill Downing, W1PQY; Mark, N1BZU; Dick Weissel, W1HRV; and Mike Kiron, N1CGF.

As you all should know by now, this year's Natick Mall Message Fair was very successful with over 900 messages generated for shoppers at the mall.

Elections

It may seem a little early for next year's elections, but it is time to start thinking about nominations for next year's officers. C.J. McDonald, W1BUM, our election committee chairman, would like to solicit nominations at this time. If you have anyone in mind, please contact C.J. at a club meeting or at home at 332-6091 or 48 Hale Street, Newton, Mass. 02164.

NEW CLUB MEMBERS

We would like to welcome to the Wellesley Amateur Radio Society Tom Kinahan of Weston. Tom was a member of our recently completed General Class and received his Novice license just before Christmas. His call is K1JRG. Hopefully a higher class license will follow soon. Also joining at a recent meeting was Philip Brooke, K1IT, who is just getting back into Amateur Radio after a few years away. Once again welcome, and we hope to see a lot of both of you at the club activities.

ANNOUNCEMENT

At our February 3 meeting we will have Rick Beebe, K1PAD, as our speaker. Rick is our Eastern Massachusetts Section Communications Manager as well as Assistant Director of the New England Division of the American Radio Relay League. His exact topic is not known, but it will be on the current activities of the ARRL and the Eastern Mass. section. The meeting starts at 7:30 p.m. See you there.

MEETINGS THIS MONTH:

February 3, 1983, at 7:30 p.m.
February 17, 1983, at 7:30 p.m.
Intermediate Bldg., Wellesley Hills, Mass.

THE WESTLINK REPORT

THE AMATEUR RADIO NEWSLETTER

The first-ever single yagi 220 MHz moonbounce contact took place on December 6th, between Lee Fish, K5FF in Edgewood, New Mexico, and Dave Olean, K1WHS in Lebanon, Maine. K5FF used a 30 foot dish with circular polarity while K1WHS used a single Cushcraft 220B "Boomer" yagi, vertically polarized and side mounted on his tower. Signals were quite good in both directions, and the contact was completed in a minimum length of time.

Westlink Report, December 31, 1982

The no-code license proposal may be out by now unless the Commissioners do an about face. However, ARRL President Victor C. Clark, W4KFC, recently wrote each of the Commissioners requesting that they consider delaying the code-free license for at least 18 months in order to give Amateurs time to assume the burden of developing the self-examination program for Amateur licensing. Clark said that it might be both unwise and unfair to contemplate enlarging the license examination responsibility by an additional strain of yet unknown dimensions until Hams have responded to the principal challenge of developing the testing program needed.

Westlink Report, January 14, 1983

One to two thousand Los Angeles Amateurs may be called upon to provide communications for the 1984 Olympic Games. According to Tom Rothwell, K6ZT, the Olympic organizers were very impressed with the performance of Hams during the 1980 Winter Games at Lake Placid, New York, and are very interested in using the services of the Amateur community again.

A similar or even larger number of Amateurs from around the nation may also be required to provide 2-way circuits for the pre-Olympics Torch Run which will start in Maine and spread out through each of the 48 contiguous states hitting every major city en-

route.

Westlink Report, January 14, 1983

The Commission has dismissed an ARRL petition aimed at permitting Novices limited A1, A2, A3 and F3 emission authorization in the 220-225 MHz band. The League's goal in RM-3314 was to make the Novice entry level license more attractive to prospective newcomers without diluting the service itself. According to the FCC, the petition was dismissed, based upon changes in the licensing structure as of July 23rd, 1976. This ARRL request had been filed in 1979.

Westlink Report, January 14, 1983

ELECTRONICS



EXCHANGE

For Sale: Azden PCS3000 synthesized 2 meter FM transceiver. Asking \$260. Contact Dick Paret, WA1ZLQ, at 762-5074.

Hereabouts...

The Malden repeater, 144.69/145.29, sponsors a computer net for information exchange. All are welcome, and the net is held Wednesday nights at 8:00 p.m. Dave, WB1CEA, is the net control.

OFFICERS

PRESIDENT:

David Curry, K1TK, 237-2450

VICE PRESIDENT:

Roger Smith, W1EOA, 235-6239

RECORDING SECRETARY:

Nels Anderson, K1UR, 872-5259

CORRESPONDING SECRETARY:

Skid Schermerhorn, W1TTY, 235-1987

TREASURER:

C.J. McDonald, WB1BUM, 332-6091

FUND RAISING:

Kevin Kelly, WA1YHV, 242-0341

OPERATING ACTIVITIES:

Erik Thoresen, K1OGF, 653-1216

The Spark Gap

Official Journal of the Wellesley Amateur Radio Society



EDITOR:

NELS J. ANDERSON, K1UR
92 BISHOP DRIVE
FRAMINGHAM, MASS. 01701
872-5259

THE "SPARK GAP" IS A MONTHLY PUBLICATION OF THE WELLESLEY AMATEUR RADIO SOCIETY. ITS PRIMARY PURPOSE IS TO KEEP ITS MEMBERS ABREAST OF CURRENT HAPPENINGS, F.C.C. RULES & REGULATIONS CHANGES, AND TO LIST EQUIPMENT OFFERED FOR SALE OR TRADE BY MEMBERS. MEMBERS ARE ENCOURAGED TO CONTRIBUTE TO THE "SPARK GAP" AND MAY SEND THEIR ARTICLES (TYPEWRITTEN IF POSSIBLE) TO THE EDITOR.

THE WELLESLEY AMATEUR RADIO SOCIETY IS A NON-PROFIT ORGANIZATION DEDICATED TO THE PROMOTION OF AMATEUR RADIO THROUGH INSTRUCTION, FELLOWSHIP, DEMONSTRATION, AND ENCOURAGEMENT OF PARTICIPATION. ANNUAL MEMBERSHIP IN THE SOCIETY IS \$8.00. THE CLUB YEAR RUNS SEPTEMBER 1 TO AUGUST 31. AMATEUR NOVICE AND GENERAL CLASSES ARE CONDUCTED REGULARLY AT NO COST. TO ENROLL IN A CLASS, OR GAIN INFORMATION ABOUT THE SOCIETY IN GENERAL, WRITE:

THE WELLESLEY AMATEUR RADIO SOCIETY
324 WASHINGTON STREET
WELLESLEY HILLS, MASS. 02181



message fair.

The status of the license classes was given.

Discussion was held on our spring fund raising event. It was decided that we would still like to hold an auction if a suitable site can be found. The Wellesley Hills Congregational Church will be investigated with a decision to be made by the next meeting.

C.J. McDonald, WB1BUM, suggested we get a "tax payers number" so he would not have to use his Social Security number on the club's checking account. After discussion, it was decided to hold off for a while.

A discussion was held on the ARRL's Special Service Club program and our potential involvement in it.

It appears that we will not have a multi-operator station for the January VHF Sweepstakes. However, we will have several single operator stations and others were encouraged to operate so we can enter the club aggregate category.

It was announced that our March speaker will be Fred Hopengarten, K1VR.

The meeting was closed at 8:30 p.m.

THE WESTLINK REPORT THE AMATEUR RADIO NEWSLETTER

Who needs CW? A merchant ship battled 15 foot seas and 50 knot gale force winds on December 8th to save the crew of a sinking Indian freighter 700 miles off the Oregon coast. The rescue ship, the "Timor Girl," out of Singapore, steamed 35 miles through the rough conditions to aid the crew of the "Jala Morari". According to the Coast Guard's Lt. Mark Ashley in Seattle, most of the communication with the sinking ship was by Morse code because of a language problem with the all-Indian crew of the Jala Morari. Ashley said, "The rescue would just about have been impossible if not for the CW contact." Need we say more? Tnx W6RCL.

Westlink Report, December 31, 1982

MINUTES

Meeting of January 6, 1983:

The meeting was opened at 7:36 p.m. by President David Curry, K1TK, with 16 present.

The Secretary's report was read.

The Treasurer's report was given. Since the last meeting in November major expenses were supplies for the Natick Mall and a three year renewal to Westlink Report. The club currently has 64 paid up members.

Erik Thoresen, K1OGF, gave a final report on the Natick Mall Message Fair. We originated 925 messages plus about 30 service messages after the mall was over. Erik is to be congratulated for the fine job he did in organizing and running this years

VHF CONTEST

by Nels Anderson, KLUR

For this years January VHF Sweepstakes, we were unable to come up with a suitable location for our usual multi-operator station so we decided to try a different approach. We decided to see how many separate stations we could get on the air and concentrate on the club aggregate category. This category, which we've also entered in past years, is based on the total of all club member's individual scores. As in the past, we entered the local club category for clubs with less than ten members entering.

After a great deal of equipment swapping, we found we had five stations available with various amounts of equipment. Much of our normal W1TKZ equipment ended up at KLTK which became a multi-operator station with Bill Downing, WALPQY, Dave Kent, N2AWG, and David Curry, KLTK as operators. By adding a few antennas to the chimney and a room full of radios, KLTK was operational on 6, 2, 220 and 432 and ended up doing well on all bands except 6 where the proximity to the Channel 2 transmitter was a serious problem on receiving.

Dick Paret, WALZLQ, and Nels Anderson, KLUR, were planning on operating mobile from hilltops, but unfortunately the blizzard which lasted almost the entire weekend put a damper on that. Dick did manage to get out for a while on Sunday afternoon, but these stations certainly weren't able to produce the number of contacts originally planned.

Two of our newer club members, Allan Bacon, K1BA, and Arnie Adelman, W1GCI, were the final two stations active. Allan already had six meter capability at his home and set up additional equipment and/or antennas to get on two and 432. Arnie is probably the club's only real VHFer. He already had well equipped stations ready to go on 6, 2 and 220 and with the

addition of a borrowed 432 transverter was on that band as well.

Well how did we do you ask? Well, not to make excuses but the blizzard did hamper our activity a bit as well as causing feedline and antenna problems for some stations. It also seemed to cause rather poor band conditions which did not pick up until the storm started to taper off Sunday afternoon. Those who were equipped for home operation did reasonably well anyway. Approximate score for each station are as follows:

Call:	QSO's	Sections	Score
W1GCI	270	20	18900
KLTK	160	14	8800
K1BA	80	15	3500
KLUR	52	6	1700
WALZLQ	30	5	1000

education corner



The members of the General class will be going together for their FCC tests early in February. We wish them all the best of luck on whichever license they try for.

Our spring Novice class began on Tuesday, January 11. There were about fifteen present for the first meeting. The class will run for twelve weeks so hopefully in a few months we will have a large batch of new Novices on the air.

THE WESTLINK REPORT

THE AMATEUR RADIO NEWSLETTER

The world Amateur Radio packet DX record may have been broken by four scientists from Information Sciences Institute. On November 8, 1982, NG6Q, KN6W, WALNEX and W6RFX carried out a 20 minute packet QSO between the Netherlands and Los Angeles. Four networks, 7 computers, the Intelsat 4A satellite and Amateur Radio made the "packet QSO" possible.

Westlink Report, December 17, 1982

It Seems to Me...

by VK2DMR
via ARNS

(Editors note: This thought provoking article could apply to any radio club. Perhaps after reading it, you would like to add your own comments about our club. If so, please send them to the editor or contact any club officer.)

I have held an Amateur license now for approximately four years and have been a member of the local radio club for three of those four years. On a number of occasions I have taken to an internal discourse about what the functions of a radio society is or should be. For the record I have set out below my own thoughts on this. The reasons for doing this are many-fold, but I guess the reasons are:

(a) Maybe you have never even asked yourself why you joined a radio club. It's a question worth asking.)

(b) Maybe the club could get more out of your membership.

(c) Maybe the club could gain something in this process.

(d) Maybe my own analysis could be wrong.

A radio club should be a source of both fellowship and a means of encouraging growth (both to individual Amateurs and to the fraternity of Amateurs). A club's aims should include:

1. Effective leadership which should include all sections of the society membership.

2. Participation by as many members as possible in the society's activities.

3. Good public relations both in terms of positive action to promote Amateur Radio and in countering poor reporting when it appears in the local press.

4. An on-going program of training of members by means of nets, technical discussions and guest lectures at society meetings.

5. An on-going program of recruit-

ment of new members and of sponsoring training/educational programs and licensing classes.

6. Close cooperation with emergency communications organizations.

7. Sponsorship of technical and working groups in technical activities.

8. Training in self-regulation of the service, e.g. fox hunts.

In summary, this is your radio club. Are you getting what you thought you would get? What did you expect? What can the club do to meet your expectations? What can you do to help?

WARNING

--from "The Skippers Log"
Society of Wireless Pioneers

Warning....hand held transceivers, using rechargeable nicad batteries, can explode if a conductive object shorts the charging contacts on the case. This can occur when hand helds are carried in pockets. Here, pens, coins, pencils (metal) can short the charging contacts. When using a hand held with a rechargeable pack, exercise care to insure that loose metallic objects are kept clear of the charging contacts. A piece of vinyl tape over exposed contacts will reduce the possibility of shorting the battery.

Thanks Albert Graf, W1QQP.

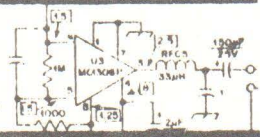
THE WESTLINK REPORT

THE AMATEUR RADIO NEWSLETTER

AMSAT has received the donation of a "Digital Logic Analyzer" from the Gould Corporation. The unit will be used in the Phase III program, especially for debugging the "Integrated Housekeeping Unit," now under development. The apparatus known as the "Gould Biomation Analyzer" allows the display of numerous data streams on its CRT readout.

Westlink Report, December 31, 1982

Tek Tok



by Nels Anderson, KLUR

Stanford Research Institute (SRI) in Menlo Park, California is developing a project which, while they don't intend it that way, could be of interest to Amateurs. They are proposing an ultra-lightweight passive satellite which would be held in a very low geosynchronous orbit by microwaves radiated from the ground. The satellite would be a parabola made of wires a few hundred angstroms thick, about thirty feet in diameter, and weighing less than a tenth of a gram! They expect to be able to keep it aloft with a microwave source on the ground radiating between 300 and 600 kW.

While this project, dubbed the "Space Mirror" is certainly interesting you may be asking what does it have to do with Amateur Radio? Well, according to SRI the mirror should be able to reflect frequencies ranging from around 500 kHz to 10 GHz. Since it is a passive reflector, any frequency in that range could be bounced off the mirror, including several Amateur bands. The mirror will only be 65 to 125 miles high which means there would not be much signal loss due to distance. It would seem certain that those stations now equipped for moon bounce operation would also be capable of "mirror bounce" and possibly stations considerably less well equipped.

It's hard to say whether this project will ever get off the ground, but it certainly bears watching.

THE WESTLINK REPORT THE AMATEUR RADIO NEWSLETTER

One of the largest explosions of the sun's surface these last tne years released vast quantities of energy and atomic particles into space on Decem-

ber 14. The solar flare adverse? affected radio communications by way of a magnetic storm that occurred between approximately 7:00 p.m. Eastern Time on the 15th and early on the 17th. According to Paul Oles, Director of the planetarium in Pittsburgh, Pennsylvania, atomic particles bombarded the upper atmosphere causing bright displays of the Northern Lights to occur over much of the northern United States. Scientists at N.O.A.A. in Boulder City, Colorado, noted that the sun released more energy in this flare than the Earth uses in an entire year, and gave it an "X-12" rating. ("X" is the largest of the three classes of solar flares) Tnx W6RCL.

Westlink Report, December 31, 1982

The Massachusetts Department of Health, despite a great deal of opposition, will "promulgate as soon as possible" proposed regulations governing exposure to non-ionizing radiation. At public hearings, held November 29th and December 2nd, various factions voiced their opposition to the intended law which would require Radio Amateurs to comply with maximum R.F. exposure limits as outlined in the ordinance. Amateurs would not be required to get prior approval from the Public Health Department to install a station, nor would Hams have to register their equipment. The Massachusetts R.F. exposure regulation is five times more strict than the national ANSI C95.1 Standard. If the Department's eight member Public Health Council gives the nod to this measure, it will be sent to the Secretary of State for his signature.

Westlink Report, December 31, 1982

A petition to extend to ten years the term of an Amateur license has been filed by the ARRL. In it, the League requests the FCC to exercise its new authority under PL 97-259 and extend the license term in the Amateur Service. The FCC is expected to act quickly on this cost-cutting measure.

Westlink Report, December 31, 1982

'YL' Rumblings

LIVING WITH THE FAMILY HAM

from "Smoke Test"
Carolina ARS, via ARNS

In many situations a ham marries a non-ham. Realizing that there is a scarcity of information available on how to cope as a non-ham in a ham world, I have compiled the following information dedicated to greater harmony in the lives of hams and their spouses.

1. Do learn the radio vocabulary: PTT and CW are not real estate terms; XYL is not an abbreviation for xylophone; 73 and 88 are not just lock combinations; DX is not just a brand of gasoline.

2. Remain calm while as many as five antennas are installed on the roof. Describing to a stranger that you live in the house with five antennas leave less chance for misunderstanding than describing a house with blue shutters.

3. Don't panic until the utility room gets transformed into a ham shack.

4. Plan to serve meals at times that do not interfere with radio nets.

5. If possible, try to schedule the birth of children in midweek so as not to interfere with hamfests.

6. Don't get upset if your spouse cannot coordinate two articles of clothing in the closet, but he is able to spot a new transceiver in a store window across the street.

7. Don't get alarmed if the side is cut out of the broom closet to make way for a transceiver installation.

8. Even if they do just look like funny postcards to you, don't throw away QSL cards.

9. Do your homework. Have ready for curious friends and grocery bag boys, at a moments notice, clear and logical answers to the following questions: What kind of CB is that?

Why do you have those funny license plates on your car? Can you hear police calls on that? How far can you talk to people? Can you talk to my friend in Guatemala?

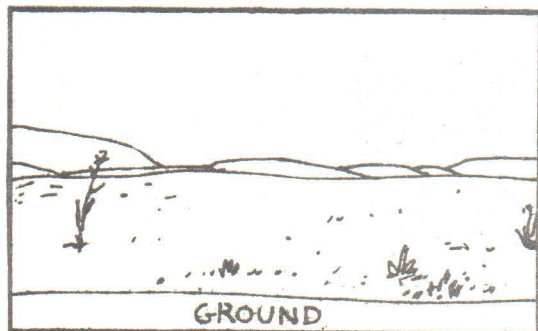
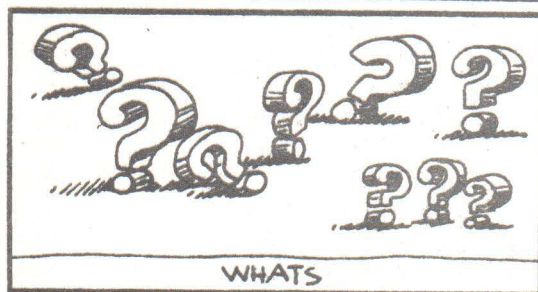
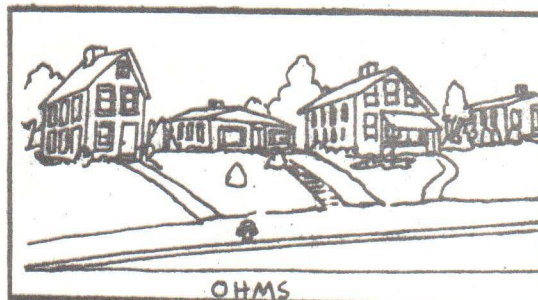
10. Learn to reassure the neighbors when they ask if being a MARS member means you report activities of the neighbors to the FBI.

11. If possible, study radio code and theory for your own license. Never under any circumstances comment that code sounds to you like a confused woodpecker.

12. Relax and enjoy the benefits of your spouse's hobby. It does, after all, keep him (her) home much more and is usually less dangerous than auto racing and scuba diving.

After almost six years of marriage to a ham, I took the test. In October 1976, I was licensed as WA4WXI -- Joyce F. Holland, Radisonville, Tennessee.

Our Friend Electricity



McHenry County Wireless Assn., via ARNS

WELLESLEY AMATEUR RADIO SOCIETY

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MICHAEL ADLERSTEIN, 24 BOBOLINK ROAD, WELLESLEY, MA 02181	K1FB	235-1130
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ALLAN BACON, 73 SCHOOL STREET, HINGHAM, MA 02043	K1BA	749-132
PETER M. BRADLEY, 200 EAST MAIN STREET, WESTBORO, MA 01581	N1ADX	366-1
PHILIP D. BROOKE, P.O. BOX 2736, BOSTON, MA 02208	KK1T	523-5593
HOWARD J. BROWN JR., 30 GREYSTONE ROAD, DOVER, MA 02030	K1VFX	
PAUL BURKHARDT, 560A NORTH MAIN ST., APT. 302A, LEOMINSTER, MA 01453	W1G1XN	
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FRANK P. CALLAHAN, 3 HOBBS BROOK ROAD, WESTON, MA 02193	N1ACO	894-3407
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WING S. CHOY, 197 CHISWICK ROAD, BRIGHTON, MA 02135	K1BHZ	254-4675
MORTON D. COHAN, 16 ORIOLE ROAD, MEDFIELD, MA 02052	K1IU	482-2700
ROBERT C. CURRIE, 18 SCHOOL LANE, WATERTOWN, MA 02172	K1DHR	
DAVID CURRY, 1 BANCROFT ROAD, WELLESLEY, MA 02181	K1TK	237-2450
WILLIAM DOWNING, 68 WASHINGTON STREET, NATICK, MA 01760	W1PQY	655-3040
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VINCENT DWYER, 157 BRISTOL ROAD, WELLESLEY, MA 02181	W1EVD	
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LAURA HANLON, 49 VINE STREET, WRENTHAM, MA 02093	N1ADY	384-8056
WILLIAM HANLON, 49 VINE STREET, WRENTHAM, MA 02093	W1TBY	254-6042
JIM HATHERLEY, 46 HOBSON STREET, BRIGHTON, MA 02135	W1YHV	242-0341
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HARRY KESSINGER, 50 LASELL ST., WEST ROXBURY, MA 02132	K1JRG	
THOMAS KINAHAN, JR., 102 WELLESLEY ST., WESTON, MA 02193	N1CGF	244-6903
MICHAEL KIRON, 450 HIGHLAND STREET, NEWTON, MA 02160		
GEORGE KNIGHT, P.O. BOX 7505, WINTER HAVEN, FLA 33880	K1YTY	237-9289
JOEL H. LEBOW, 73 MACINTOSH AVENUE, NEEDHAM, MA 02192	W1CFC	
WALTER LENK, 22 PRISCILLA CIRCLE, WELLESLEY, MA 02181	W1ECK	244-18
THEODORE LEVIN, 5133-C LAKEFRONT BLVD., DELRAY BEACH, FLA 33445	AK1I	235-1
CARLISLE LEVINE, 1921 COMMONWEALTH AVE., AUBURNDALE, MA 02166	W1LMU	527-4269
RICHARD V. MAGNANTI, 80 KINGSBURY STREET, WELLESLEY, MA 02181	W1BUM	332-6091
HENRY J. MC DADE, 194 WINSLOW ROAD, WABAN, MA 02168	W1EBW	
CHARLES MC DONALD, 48 HALE STREET, NEWTON, MA 02164	K1HCM	
DENNIS T. MC DONALD, BRIDON MARINE, ROADTOWN, TORTOLA, BRITISH VIRGIN ISLANDS	K1ACX	
DAVID S. MC LELLAN, 77 CHESTNUT STREET, WESTON, MA 02193	K1U	862-9096
KENNETH W. MC NAIR, 105 BLAKE STREET, NEEDHAM, MA 02192	N1AWX	
STEPHEN W. MILLER, 22 SADDLE CLUB ROAD, LEXINGTON, MA 02173	W1MIC	449-1936
JOHN J. O'BRIEN, 100 WEST STREET, SOUTH WEYMOUTH, MA 02188	VE3CGL	444-1283
JAMES O'CONNER, 84 PRINCE STREET, NEEDHAM, MA 02192	W1ZLO	762-5074
HENRY OSTROWSKI, 1 ELIZABETH CIRCLE, NEEDHAM, MA 02192	W1BUN	244-3239
RICHARD PARET, 35 PHILLIPS AVENUE, NORWOOD, MA 02062	K1UN	
THOMAS RILEY, 50 HALE STREET, NEWTON, MA 02164	W1EGE	
JORDAN RING, 16 WHITE PINE ROAD, NEEDHAM, MA 02192	W1ZLN	655-1928
VERN ROBERTSON, 42 FISHER STREET, MEDWAY, MA 02053	W1TTY	235-1987
RICHARD RUGGIERO, 11 AVON STREET, NATICK, MA 01760	K1BSO	965-2463
PHILIP N. SAVAGE, 35 MC CARTHY ROAD, NEWTON CENTER, MA 02159	W1EOA	235-6239
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CHARLES W. STEVENS, 249 MAIN STREET, COCHITUATE, MA 01778	K1ENP	235-5509
ARTHUR SWANSON, 14 WYMAN ROAD, CAMBRIDGE, MA 02138	K1OGF	653-1216
JOHN H. TAYLOR, 11 GORDON ROAD, NEEDHAM, MA 02192	AC1D	
ARTHUR THOMPSON, 44 WINDEMERE, WELLESLEY, MA 02181	W1AJA	
ERIK J. THORESEN, 28 LOOKOUT AVENUE, NATICK, MA 01760	K1ZL	785-1423
MATT VARTANIAN, NORTH CAMPUS 6461B, CORNELL UNIV., ITHACA, NY 14853	W1ELQ	369-0781
BRUNO VASIL, 58 BRADEEN STREET, ROSLINDALE, MA 02131	W1YAU	237-2082
ROBERT WOODBURY, 12 MEADOWBROOK ROAD, DOVER, MA 02030		
FARRELL WOODS, 27-4 CONCORD GREEN, CONCORD, MA 01742		
GEORGE YOUNG, 5 ABBOTT ST. APT 1, WELLESLEY, MA 02181		